

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032219\
 Data File : VD061254.D
 Acq On : 22 Mar 2019 12:09
 Operator : VA/AP
 Sample : VD0322SBS01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0322SBS01

Quant Time: Mar 22 23:25:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.11	168	660429	50.00	ug/l	0.06
34) 1,4-Difluorobenzene	8.27	114	1086029	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.40	117	884500	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	14.55	152	334467	50.00	ug/l	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.51	65	252105	45.86	ug/l	0.06
Spiked Amount	50.000		Recovery	=	91.72%	
35) Dibromofluoromethane	6.99	113	409508	50.81	ug/l	0.06
Spiked Amount	50.000		Recovery	=	101.62%	
50) Toluene-d8	10.45	98	932042	46.05	ug/l	0.05
Spiked Amount	50.000		Recovery	=	92.10%	
62) 4-Bromofluorobenzene	13.58	95	357304	45.50	ug/l	0.03
Spiked Amount	50.000		Recovery	=	91.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.60	85	131830	20.151	ug/l	95
3) Chloromethane	1.78	50	108353	19.882	ug/l	100
4) Vinyl Chloride	1.88	62	102139	20.283	ug/l	98
5) Bromomethane	2.17	94	17127	16.534	ug/l	84
6) Chloroethane	2.28	64	30438	20.194	ug/l	99
7) Trichlorofluoromethane	2.56	101	147079	20.332	ug/l	100
8) Diethyl Ether	2.91	74	55983	23.459	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.19	101	167143	20.667	ug/l	99
10) Methyl Iodide	3.36	142	180036	18.150	ug/l	98
11) Tert butyl alcohol	4.12	59	35294	100.849	ug/l	97
12) 1,1-Dichloroethene	3.17	96	133425	20.126	ug/l	96
13) Acrolein	3.08	56	24335	48.057	ug/l	89
14) Allyl chloride	3.67	41	207800	19.591	ug/l	95
15) Acrylonitrile	4.25	53	127702	103.243	ug/l	98
16) Acetone	3.26	43	158235	100.658	ug/l	98
17) Carbon Disulfide	3.42	76	373853	16.718	ug/l	100
18) Methyl Acetate	3.69	43	57087	18.453	ug/l #	88
19) Methyl tert-butyl Ether	4.29	73	250713	21.580	ug/l	96
20) Methylene Chloride	3.87	84	180869	22.686	ug/l	96
21) trans-1,2-Dichloroethene	4.27	96	149870	20.887	ug/l	91
22) Diisopropyl ether	5.19	45	439037	19.939	ug/l	98
23) Vinyl Acetate	5.13	43	1177848	104.204	ug/l	99
24) 1,1-Dichloroethane	5.05	63	238547	19.773	ug/l	98
25) 2-Butanone	6.13	43	194758	109.182	ug/l	97
26) 2,2-Dichloropropane	6.08	77	211437	22.450	ug/l	99
27) cis-1,2-Dichloroethene	6.10	96	169032	22.203	ug/l	91
28) Bromochloromethane	6.50	49	87340	17.101	ug/l	86
29) Tetrahydrofuran	6.52	42	91255	94.214	ug/l	97
30) Chloroform	6.72	83	261014	20.875	ug/l	96
31) Cyclohexane	7.02	56	198673	20.423	ug/l	94
32) 1,1,1-Trichloroethane	6.93	97	227299	21.027	ug/l	100
36) 1,1-Dichloropropene	7.20	75	199650	21.327	ug/l	97
37) Ethyl Acetate	6.24	43	85019	19.353	ug/l	99
38) Carbon Tetrachloride	7.18	117	223416	21.666	ug/l	93

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39) Methylcyclohexane	8.92	83	196483	20.241	ug/l	98
40) Benzene	7.51	78	487886	20.857	ug/l	100
41) Methacrylonitrile	6.50	41	101928	20.172	ug/l #	92
42) 1,2-Dichloroethane	7.64	62	150551	22.178	ug/l	99
43) Isopropyl Acetate	9.29	43	121243	19.927	ug/l #	91
44) Trichloroethene	8.59	130	166729	20.660	ug/l	98
45) 1,2-Dichloropropane	9.00	63	122155	19.877	ug/l	98
46) Dibromomethane	9.11	93	79356	20.357	ug/l	93
47) Bromodichloromethane	9.43	83	190952	21.707	ug/l	97
48) Methyl methacrylate	9.17	41	72099	21.046	ug/l	96
49) 1,4-Dioxane	9.13	88	14852	428.745	ug/l	97
51) 4-Methyl-2-Pentanone	10.35	43	365072	97.940	ug/l	98
52) Toluene	10.56	92	299612	20.598	ug/l	95
53) t-1,3-Dichloropropene	10.96	75	173004	21.508	ug/l	100
54) cis-1,3-Dichloropropene	10.09	75	211077	21.840	ug/l	97
55) 1,1,2-Trichloroethane	11.24	97	98703	20.376	ug/l	96
56) Ethyl methacrylate	11.08	69	106090	20.923	ug/l	99
57) 1,3-Dichloropropane	11.45	76	157149	21.709	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.90	63	264016	98.371	ug/l	99
59) 2-Hexanone	11.58	43	294033	107.837	ug/l	100
60) Dibromochloromethane	11.72	129	156090	21.895	ug/l	99
61) 1,2-Dibromoethane	11.84	107	113515	20.144	ug/l	95
64) Tetrachloroethene	11.31	164	133042	22.282	ug/l	97
65) Chlorobenzene	12.43	112	377623	21.778	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.55	131	145045	23.467	ug/l	97
67) Ethyl Benzene	12.56	91	610080	23.633	ug/l	99
68) m/p-Xylenes	12.70	106	462928	45.689	ug/l	98
69) o-Xylene	13.08	106	232953	23.390	ug/l	98
70) Styrene	13.10	104	371355	22.834	ug/l	98
71) Bromoform	13.27	173	90056	22.586	ug/l	97
73) Isopropylbenzene	13.43	105	571762	23.720	ug/l	98
74) N-amyl acetate	13.29	43	157584	23.218	ug/l	96
75) 1,1,2,2-Tetrachloroethane	13.72	83	110338	23.462	ug/l	98
76) 1,2,3-Trichloropropane	13.76	75	115509	24.005	ug/l	98
77) Bromobenzene	13.70	156	160239	26.042	ug/l	94
78) n-propylbenzene	13.80	91	696600	24.686	ug/l	98
79) 2-Chlorotoluene	13.87	91	375254	24.154	ug/l	98
80) 1,3,5-Trimethylbenzene	14.26	105	456918	24.969	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.51	75	31127	21.941	ug/l	97
82) 4-Chlorotoluene	13.98	91	429964	23.411	ug/l	96
83) tert-Butylbenzene	14.21	119	540310	26.980	ug/l	98
84) 1,2,4-Trimethylbenzene	14.26	105	456918	24.969	ug/l	100
85) sec-Butylbenzene	14.39	105	612769	25.064	ug/l	98
86) p-Isopropyltoluene	14.52	119	473080	23.673	ug/l	96
87) 1,3-Dichlorobenzene	14.48	146	288730	26.278	ug/l	96
88) 1,4-Dichlorobenzene	14.56	146	271768	25.171	ug/l	97
89) n-Butylbenzene	14.82	91	455624	23.742	ug/l	97
90) Hexachloroethane	15.03	117	138188	24.489	ug/l	84
91) 1,2-Dichlorobenzene	14.83	146	240972	26.308	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.41	75	14057	24.804	ug/l	80

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93) 1,2,4-Trichlorobenzene	15.97	180	105386	24.802	ug/l	98
94) Hexachlorobutadiene	16.06	225	92187	28.683	ug/l	95
95) Naphthalene	16.14	128	164547	25.483	ug/l	99
96) 1,2,3-Trichlorobenzene	16.29	180	55363	26.380	ug/l	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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